

# **MANAGEMENT OF HEAT ENERGY CONSUMPTION IN POLAND FOR THE PURPOSE OF BUILDINGS' HEATING AND PREPARATION OF USEABLE, HOT WATER.**

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## ***Abstract:***

*Polish climate causes that costs of heat energy used for heating and preparation of usable, hot water make significant part of financial resources in buildings maintenance. Focusing mainly on limitation of carbon dioxide emission and improvement of heat energy efficiency, worlds' tendencies of environment protection force changes as reduction of heat consumption in buildings. For administration it causes the need to fulfill severe norms of use of energy - the final one as well as the original, in relation to square meter of usable area of given building. These changes slowly increase society awareness in the field of necessity of heat energy consumption limitations. Yet there can be noticed too poor efficiency of those actions, caused by lack of proper economic support mechanisms. Public understanding of necessity, as well as advantages of introducing solutions that optimize use of heat energy sources is essential in process of rationalization costs of structures, improvement of building's heat energy profiles and reduction of greenhouse gases emission.*

**Keywords:** *heat energy efficiency, thermo-modernization, property management*

**JEL codes::** *Q43*